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Date: January 28, 2005  
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**PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:**

Name: Commissioner of Patents

Art Unit: 2633

Examiner: David Payne

Phone: (571) 272-3024

From: Colin Dorrian  
Reg No. 54,658

Re: Application No. 09/784,419; Filed February 15, 2001  
Entitled LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND  
DATA RECOVERY CIRCUIT

File: 50987/CTD/B600

Responsive to your request, enclosed is a copy of Applicants' Response to Missing Parts filed April 26, 2001, which includes the executed Declaration. We have omitted the revised drawings. Please contact me if you have any other questions (626) 683-4558.

I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE ON January 28, 2005.

  
Sheila Harter

\*Correspondence: Response to Missing Parts filed April 26, 2001

For Office Services Use Only  
Return Fax to Sheila Harter

Christie, Parker & Hale, LLP  
350 West Colorado Boulevard  
Post Office Box 7058  
Pasadena, CA 91109-7058  
626-795-9900  
Fax: 626-577-8800

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## UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001  
 File No.: 019717-001210US Attorney JMZ/djb  
 Serial No.: 09/784,419 Filed: February 15, 2001  
 Inventor(s): Jun Cao  
 Title: LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA RECOVERY CIRCUIT

1. Fee Transmittal (1 page submitted in duplicate);
2. Transmittal Form (1 page);
3. Copy of Notice to File Missing Parts of Nonprovisional Appln (2 pages);
4. Executed Declaration (1 page);
5. Corrected informal drawings (11 pages); and
6. Return Postcard

Please stamp the date of receipt of the enclosed documents and return this card to addressee

PA 3141452 v1

MAY 09 2001



## UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001  
 File No.: 019717-001210US Attorney JMZ/djb  
 Serial No.: 09/784,419 Filed: February 15, 2001  
 Inventor(s): Jun Cao  
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PTO/SB/17 (04-00)  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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## FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

TOTAL AMOUNT OF PAYMENT	(\$)	130
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*Complete if Known*

Application Number	09/784,419
Filing Date	February 15, 2001
First Named Inventor	Cao, Jun
Examiner Name	Unassigned
Group Art Unit	2816
Attorney Docket No.	19717001210

**METHOD OF PAYMENT**

1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	
Deposit Account Number	20-1430
Deposit Account Name	Townsend and Townsend and Crew LLP
<input checked="" type="checkbox"/> Change Any Additional Fee Required Under 37 CFR 1.18 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
2. <input type="checkbox"/> Payment Enclosed:	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

**FEE CALCULATION (continued)**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	130
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
118	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1,380	Extension for reply within fourth month	
128	1,890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,240	Petition to revive - unintentional	
142	1,240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	60	Petitions related to provisional applications	
126	180	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
148	710	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	
Other fee (specify)			

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

\*Reduced by Basic Filing Fee Paid      SUBTOTAL (3)      (\$130)

\*For number previously paid, if greater; For Reissues, see above

SUBMITTED BY			Complete if applicable	
Name (Print/Type)	J. Matthew Zigmant	Registration No. (Attorney/Agent)	44,005	Telephone 650-326-2400
Signature	<i>J. M. Zigmant, Esq.</i>		Date	April 26, 2001

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3141450 v1

PTO/SB/21 (08-00)

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Approved for use through 10/31/2002. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

Application Number

09/784,419

Filing Date

February 15, 2001

First Named Inventor

Cao, Jun

Group Art Unit

2816

Examiner Name

Unassigned

Attorney Docket Number

19717001210

## ENCLOSURES (check all that apply)

 Fee Transmittal Form Assignment Papers  
(for an Application) After Allowance Communication to Group Fee Attached Drawing(s) Appeal Communication to Board of Appeals and Interferences Amendment / Response Licensing-related Papers Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief) After Final Petition Routing Slip (PTO/SB/69)  
and Accompanying Petition Proprietary Information Affidavits/declaration(s) Petition to Convert to a  
Provisional Application Status Letter Extension of Time Request Power of Attorney, Revocation  
Change of Correspondence Address Other Enclosure(s)  
(please identify below): Express Abandonment Request Terminal Disclaimercopy of Notice to File Missing Parts of  
NonProvisional Application; Executed  
Declaration; Return postcard Information Disclosure Statement Request for Refund Certified Copy of Priority  
Document(s) CD, Number of CD(s)Remarks  
The Commissioner is authorized to charge any additional fees to  
Deposit Account 20-1430. Response to Missing Parts/  
Incomplete Application Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
and  
Individual name

Townsend and Townsend and Crew LLP

J. Matthew Zigmant

Reg No. 44,005

Signature

Date

April 26, 2001

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:  

Typed or printed name

Date

Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
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JAN 28 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/784,419	02/15/2001	Jun Cao	19717-001210US

## CONFIRMATION NO. 5061

20350  
TOWNSEND AND TOWNSEND AND CREW  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

## FORMALITIES LETTER



'CC00000005914804'

Date Mailed: 03/29/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));

01/28/2005 15:29 FAX 626 577 8800

CHRISTIE, PARKER & HALE

2006/007

Page 2 of 2

*A copy of this notice MUST be returned with the reply.*

*[Signature]*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE